=> d his

(FILE 'HOME' ENTERED AT 15:30:37 ON 21 MAR 2003)

FILE 'CAPLUS, 1MOBILITY, AGRICOLA, AQUASCI, BIOTECHNO, COMPENDEX, COMPUAB, CONF, CONFSCI, ELCOM, EVENTLINE, HEALSAFE, IMSDRUGCONF, LIFESCI, OCEAN, MEDICONF, PASCAL, PAPERCHEM2, POLLUAB, SOLIDSTATE, ADISCTI, ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, ...' ENTERED AT 15:32:17 ON 21 MAR 2003

		E	CHANG JIHOON?/AU
L1	4	S	E2
		E	KIM JAN?/AU
		E	KIM JANG?/AU
		E	KIM JANG SEONG?/AU
L2	27	S	E2
		E	PARK EUN JEONG?/AU
L3	50	S	E2
		E	YUM JUNG-SUN?/AU
L4	20	S	E1
L5	26	S	E1 OR E5
		E	CHUNG SOO-IL?/AU
L6	26	S	EE8
L7	1	S	E8
L8	4	S	L1 AND L2 AND L3 AND L5
L9	2	DUP	REM L8 (2 DUPLICATES REMOVED)
L10	10845	S	IV36 OR IV37 OR V38 OR KRINGLE
L11	216	S	L10 (S) (HUMAN (A) APOLIPOPROTEIN)
L12	85	DUP	REM L11 (131 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:05:07 ON 21 MAR 2003

FILE 'CAPLUS, AGRICOLA, BIOTECHNO, CONFSCI, LIFESCI, PASCAL, ADISCTI, BIOSIS, BIOTECHDS, CIN, DGENE, GENBANK, MEDLINE, PROMT, SCISEARCH, USPATFULL' ENTERED AT 16:10:04 ON 21 MAR 2003

FILE 'STNGUIDE' ENTERED AT 16:10:07 ON 21 MAR 2003

FILE 'CAPLUS, AGRICOLA, BIOTECHNO, CONFSCI, LIFESCI, PASCAL, ADISCTI, BIOSIS, BIOTECHDS, CIN, DGENE, GENBANK, MEDLINE, PROMT, SCISEARCH, USPATFULL' ENTERED AT 16:13:01 ON 21 MAR 2003

FILE 'STNGUIDE' ENTERED AT 16:13:05 ON 21 MAR 2003

WEST Search History

DATE: Friday, March 21, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ			
L7	L6 same (human adj apolipoprotein)	6	L7
L6	IV37 or Kiv37 or IV36 or Kiv37 or kv38 or v38 or kringle$	1057	L6
L5	CHUNG-SOO-IL .in.	5	L5
L4	YUM-JUNG-SUN .in.	2	L4
L3	PARK-EUN-JEONG .in.	9	L3
L2	KIM-JANG SEONG .in.	0	L2
L1	chang-jihoon.in.	0	L1

END OF SEARCH HISTORY

12 ANSWER 39 OF 85 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 21

ACCESSION NUMBER: 1994:571655 CAPLUS
DOCUMENT NUMBER: 121:171655
TITLE: Cloning, expression, and characterization of **human apolipoprotein**(a) **kringle IV37**
AUTHOR(S): LoGrasso, Philip V.; Cornell-Kennon, Susan; Boettcher, Brian R.
CORPORATE SOURCE: Dep. Atherosclerosis Vascular Biology, Sandoz Pharmaceuticals Corporation, East Hanover, NJ, 07936, USA
SOURCE: Journal of Biological Chemistry (1994), 269(34), 21820-7
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A portion of kringle IV37 (KIV37) of apolipoprotein (a), (apo(a)), was polymerase chain reaction-cloned from human liver cDNA. The protein product of this clone was expressed in Escherichia coli as a poly histidine fusion protein. Based on recovery of purified fusion apo(a) KIV37 protein expression levels were estd. to be 10 mg/g of E. coli cell paste. Mass spectral anal. showed the mol. mass of fusion apo(a) KIV37 to be 12,260 .+-. 1 daltons. Almost all fusion apo(a) KIV37 was expressed as inclusion bodies and had to be refolded. Fusion apo(a) KIV37 was isolated from the inclusion bodies and purified by lysine-Sepharose affinity chromatog. by eluting with 0.2M .epsilon.-aminocaproic acid. The fusion protein was treated with thrombin to yield a homogeneous, functional